

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## WEEKLY SUMMARY

Date: 07 / 27 / 02 - 08 / 02 / 02

Load Numbers 01 - 124

Range of Water Temp., Surface 82°

Below Mid-Depth \_\_\_\_\_

Areas Worked (lat/longs, ~~stations~~) 0+00 - 20+00

Are there incidents involving endangered or protected species?

Yes

No

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Material dredged is silt and mud.

Samples in the boxes consists of human generated debris  
in the form of nets, fishing line, rope, plastic, & metal.

There were no incidents involving endangered or protected species.

## Bridge Watch Summary

Date

Various Species and Respective Number

Comments

07 / 29

T. t. 5-10

@ dig site

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 07 / 27 / 02 Loads: 1-17

Area(s) Worked STN: 0<sup>00</sup> - 5<sup>00</sup>

Weather Conditions (incl. sea conditions) Cloudy, wind 5-20 KTS, sea 2-4'

Range of Water Temp., Surface 86° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes ☐ No ☒

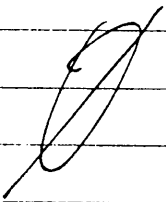
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material is silt & mud.

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 07 / 28 / 02 Loads: 18-42

Area(s) Worked STN: 0+00 - 10+00

Weather Conditions (incl. sea conditions) Pk - Cloudy, Rain, Wind 12-20 KTS, Sea 2-4'

Range of Water Temp., Surface 86° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

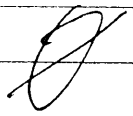
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: silt + mud

Samples: Trash

no incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u></u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date 07 29 02 Loads: 43 - 67

Area(s) Worked STN: 0400 - 10400

Weather Conditions (incl. sea conditions) P/C - cloudy w/rain, wind 5-20 KTS, sea 2-4'

Range of Water Temp.: Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

Material: silt + mud

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T.G.</u>	<u>5-10</u>	<u>1005 / @ dig</u>

Observer(s) on Duty Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date 07 / 30 / 02 Loads: 68-85

Area(s) Worked STN 0400 - 15+00

Weather Conditions (incl. sea conditions) Plc - cloudy, Rain, wind 10-20kts, sea 2-3'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

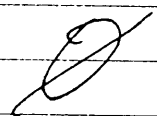
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

Material: silt + mud

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u></u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date 07 31 02 Loads: 86-103

Areas Worked STN: 0<sup>00</sup> - 10<sup>00</sup>

Weather Conditions (incl. sea conditions) P/C - m/c, wind 5-15 kts, sea 2-3'

Range of Water Temp. Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

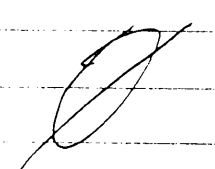
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

Material: silt + mud.

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date 08 / 01 / 02 Loads: 104-111

Area(s) Worked STN: 10<sup>00</sup> - 15<sup>00</sup>

Weather Conditions (incl. sea conditions) PK - clear, wind 5-10 KTS, sea 2-3'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

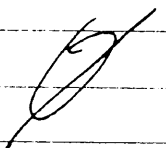
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

Material: silt & mud.

Samples: Trash

no incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observers on Duty Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 02 / 02 Loads: 112 - 124

Area(s) Worked STN: 5<sup>00</sup> - 20<sup>00</sup>

Weather Conditions (incl. sea conditions) Plc - clear, wind 5-10 KTS, sea - 1-2'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

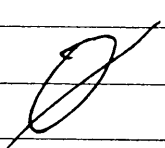
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL: silt & mud

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 03 / 02 Loads: 126-138

Area(s) Worked STN 10400-25400

Weather Conditions (incl. sea conditions) P-m/c, wind 5-10 kts, sea 1-2'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Silt + mud

Samples: Trash

No incidents involving endangered or protected species

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 04 / 02 Loads: 139 - 149

Area(s) Worked STN 10<sup>00</sup> - 25<sup>00</sup>

Weather Conditions (incl. sea conditions) P/c - cloudy, wind 5-15 Kts, sea 1-2'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

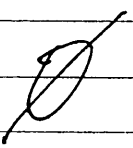
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: silt + mud

Samples: Trash

No incidents involving endangered or protected species

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 05 / 02 Loads: 150-162

Area(s) Worked STN: 10<sup>00</sup> - 30<sup>00</sup>

Weather Conditions (incl. sea conditions) P-m/c, wind calm - 15 kts, sea 1-2'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? Yes No

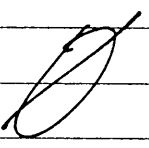
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: silt & mud

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date 08 / 06 / 02 Loads: 163 - 173

Area(s) Worked STN: 30<sup>00</sup> - 40<sup>00</sup>

Weather Conditions (incl. sea conditions) Clear → Cloudy, wind 5-20 KTS, sea 2-4'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Aft gate bent due to clay. Effectiveness reduced to 0%, Mid + Forward box good.

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

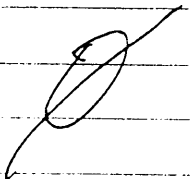
Material: silt, mud, clay

Samples: Trash

No incidents involving endangered or protected species.

\* Aft screen needs to be repaired.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 07 / 02 Loads: 174-183

Area(s) Worked Stn 35<sup>TH</sup> - 50<sup>TH</sup>

Weather Conditions (incl. sea conditions) P-M/Cloudy, wind 5-15 kts, sea 2-3'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Aft screen OK. Fore & mid good

Are there incidents involving endangered or protected species? Yes No

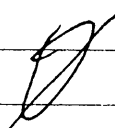
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material : silt, mud, clay

Samples : Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u></u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM 1

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 08 / 02 Loads: 184-197

Area(s) Worked STN: 45<sup>00</sup>-50<sup>00</sup> + section 1

Weather Conditions (incl. sea conditions) P.m/c, wind 5-10kts, sea 2-3

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Aft 0%. Mid + Fore good

Are there incidents involving endangered or protected species? Yes No

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: silt, mud, clay

Samples: trash

No incidents involving endangered or protected species

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 09 / 02 Loads: 198-208

Area(s) Worked STN: 45<sup>00</sup>-50<sup>00</sup> + 80<sup>00</sup>-86<sup>00</sup>

Weather Conditions (incl. sea conditions) P/c, wind 5-15 kts, sea calm - 4'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Aft screen 0%. Fore & mid good

Are there incidents involving endangered or protected species?

Yes

No

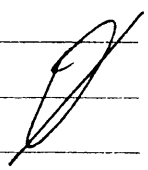
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: silt, mud, clay

Samples: Trash

No incidents involving endangered or protected species

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## WEEKLY SUMMARY

Date: 08/10/02 - 08/13/02 Load Numbers 209 - 231

Range of Water Temp., Surface 87° Below Mid-Depth 85°

Areas Worked (lat/longs, stations) 30°-50° + 80°-86°

Are there incidents involving endangered or protected species?

Yes

No

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Material dredged is silt, mud, & clay.

Samples included two portions of a Loggerhead sea turtle (Caretta caretta)  
& trash

on 08-11-02 a portion of carapace & plastron from C.C. was found  
in the forward box. Sample was a fresh take. On 08-12-02 the rear  
flippers of a C.C. were found in the mid box. Size & state of  
decomposition lead the observer to believe they were from the turtle  
taken on 08-11-02.

## Bridge Watch Summary

Date	Various Species and Respective Number	Comments
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Observer(s) on Duty: Andrew Jackson / Jim Dickey



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date 08 / 10 / 02 Loads: 209- 214

Area(s) Worked STN: 45<sup>00</sup>-50<sup>00</sup> + 80<sup>00</sup>-86<sup>00</sup>

Weather Conditions (incl. sea conditions) P-m/c, wind 10-20kts, sea 4-6'

Range of Water Temp., Surface 87° Below Mid-Depth \_\_\_\_\_

Condition and Effectiveness of Screening Aft D<sub>90</sub>, mid & Forward good

Are there incidents involving endangered or protected species? Yes No

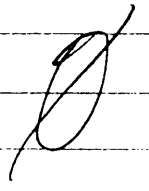
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

Material: silt, mud, & clay

Samples: Trash

No incidents involving endangered or protected species

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 11 / 02 Loads: 215 - 220

Area(s) Worked STN: 40<sup>+00</sup> - 45<sup>+00</sup> + 80<sup>+00</sup> - 86<sup>+00</sup>

Weather Conditions (incl. sea conditions) P-m/c, wind 10-20kts, sea 4-6'

Range of Water Temp., Surface 87° Below Mid-Depth 85°

Condition and Effectiveness of Screening Aft 0%; Mid + Forward good

Are there incidents involving endangered or protected species?

Yes

No

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.)

Material: silt, mud, & clay

Samples: 1 Logger head sea turtle, trash

Load 216: a portion of carapace + plastron from a loggerhead sea turtle (Caretta caretta) was found in the forward inflow box. See report for further details.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>JD</u>		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 12 / 02 Loads: 221-226

Area(s) Worked STN: 35<sup>00</sup>-40<sup>00</sup> & 80<sup>00</sup>-86<sup>00</sup>

Weather Conditions (incl. sea conditions) Cloudy, wind 10-20kts, sea 4-6'

Range of Water Temp., Surface 87° Below Mid-Depth 85°

Condition and Effectiveness of Screening Aft 0%, mid forward good

Are there incidents involving endangered or protected species?

Yes

No

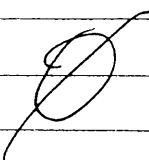
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: silt, mud, & clay.

Samples: flippers (C.C.)\*, crust

\* ~~Rare~~ Rare flippers to the turtle taken on 08-11-02 found in mid in flow box. Size & state of decomposition lead observer to believe they were from the previous turtle.

### Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

## DAILY REPORT

Date: 08 / 13 / 02 Loads: 227 - 231

Area(s) Worked STN: 30+00 - 35+00 & 80+00 - 86+00

Weather Conditions (incl. sea conditions) M/c, wind 10-15 Kts, sea 3-4'

Range of Water Temp., Surface 87° Below Mid-Depth 85°

Condition and Effectiveness of Screening Aft 0% , mid + Forward Good

Are there incidents involving endangered or protected species? Yes ☐ No ☒

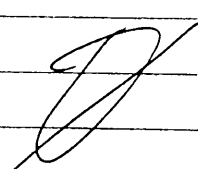
Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material; silt, mud, & clay

Samples: Trash

No incidents involving endangered or protected species.

## Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) on Duty: Andrew Jackson / Jim Dickey